

AN EXHAUST CONTROL DEVICE AND METHOD FOR  
MANUFACTURE THEREOF

ABSTRACT OF THE DISCLOSURE

[0053] Disclosed herein is an exhaust emissions control device and method for making the same. The method for manufacturing the exhaust emission control device comprises: disposing a mat support and a substrate in a shell, wherein the mat support is disposed between the substrate and the shell, and wherein the shell has a roughened surface in physical contact with the mat support.

[0054] In one embodiment, the exhaust emissions control device comprises: a shell, a substrate disposed within the shell, and a mat support disposed between the substrate and the shell, wherein the shell has a roughened inner surface in physical contact with the mat support.